

Amendments to the Claims

1. (Currently Amended) A method for checking a disk loading status in an optical disk driver, comprising the steps of:

discriminating a loading status of an optical disk by ~~multi-stage during multiple loading stages of the disk~~;

transmitting corresponding information to a host connected through an interface ~~to the optical disk driver~~ in case that the disk has been jammed based upon ~~the discrimination~~; and

performing ~~a disk-ejection~~ operation according to a disk ejection command received from the host.

2. (Currently Amended) The method according to claim 1, wherein in the step of discriminating the loading status of an optical disk by ~~multi-stage during multiple loading stages of the disk~~, a loading status of an optical disk is discriminated by ~~multi-stage during the multiple loading stages~~ on the basis of sensing signals respectively outputted from a plurality of optical sensor for sensing a size of the optical disk and from a loading switch for sensing whether the optical disk has been clamped.

3. (Currently Amended) The method according to claim 2, wherein when the combination of the sensing signals respectively outputted is not a value indicating a state that the disk is completely mounted and ~~as such~~ being maintained ~~as such~~ for more than a predetermined time, it is discriminated that the disk has been jammed.

4. (Currently Amended) A method for checking a disk loading status in an optical disk driver, comprising the steps of:  
discriminating a loading status of an optical disk by ~~multi-stage during multiple loading stages of the disk~~; and  
performing a disk-ejection operation in case that the disk has been jammed ~~in the optical disk driver based upon the discrimination~~.

5. (Original) The method according to claim 4, further comprising a step of transmitting information reporting the disk-ejection to a connected host.

6. (New) A system for checking disk loading status in an optical disk driver comprising:  
means for discriminating loading status of an optical disk during multiple loading stages of the disk;

means for transmitting information to a host connected through an interface to the optical disk driver in case that the disk has been jammed based on upon the discrimination; and

means for performing a disk-ejection operation according to a disk ejection command received from the host.

7. (New) A system for checking disk loading status in an optical disk driver comprising:

means for discriminating loading status of an optical disk during multiple loading stages of the disk; and

means for performing a disk-ejection operation in case that the disk has been jammed in the optical disk driver based upon the discrimination.